PEMERINTAH KABUPATEN SEMARANG
DINAS PENDIDIKAN
SMP NEGERI 2 UNGARAN
SEKOLAH STANDAR NASIONAL (SSN)
Jl. Letjend. Suprapto No. 65 Telp./Fax. (024) 6921282 Ungaran ✉ 50514
Email : smpnegeri_2ungaran@yahoo.co.id

SURAT KETERANGAN

NOMOR : 420 / 047 / 2012

Yang bertanda tangan dibawah ini :

a.	Nama	: Drs. TALKHIS
b.	NIP	: 19600414 198109 1 003
c.	Pangkat / Gol	: Pembina / IV a
d.	Jabatan	: Kepala SMP Negeri 2 Ungaran

dengan ini menerangkan bahwa :

a.	Nama	: SRI SUMIYATI ANDARINI
b.	NIM	: Q100.100.148

Yang bersangkutan adalah mahasiswa program Pascasarjana Program Magister Manajemen Pendidikan yang telah melaksanakan kegiatan penelitian dalam rangka pembuatan tesis dengan judul "Teacher Professional Competence Management (A Site Study at SMP Negeri 2 Ungaran)" di SMP Negeri 2 Ungaran Kabipaten Semarang.

Demikian surat keterangan ini dibuat untuk dapat dipergunakan sebagaimana mestinya.

Ungaran, 14 Februari 2012

Kepala Sekolah

LEARNING PLAN

School	: Junior High School 2 Ungaran
Subject	: Natural Sciences
Main material	: Static Electricity
Class / Semester:	IX / 2
Lessons Year	: 2011 – 2012
Allocation of Time	: 2 hour lesson

A. Competency Standards

Understand the concept of electricity and its application in daily life.

B. Basic Competencies

Describe the electrical charge to understand phenomena of static electricity as well as in relation to everyday life.

C. Competency Achievement Indicators

Students can:

1. Explain the induction event.
2. Describes the current condition is approached foil electroscope electrically charged objects.
3. Describing the state of the foil when the fingers touched the head of the electroscope.
4. Describes the current condition of the finger and the electroscope electrically charged objects away from the head of the electroscope.

D. Learning Objectives

1. Creating a electroscope gelipok with the materials are cheap and easily obtainable.
2. Electroscope to electroscope neutral condition is not neutral in the way of induction.

E. Learning Materials

ELECTROSCOPE GELIPOK

1. Electroscope is a device for conditioning "himself" from the neutral be neutral by induction.
2. Gelipok electroscope is an acronym glasses, straws, napkins, a modified version of the electroscope materials are cheap and easily obtainable.

F. Students Character value

Curiosity, honesty, think logically, critically, creatively, and respect the opinion, through:

1. Quiz course review horay
2. Making and electroscope experiments gelipok

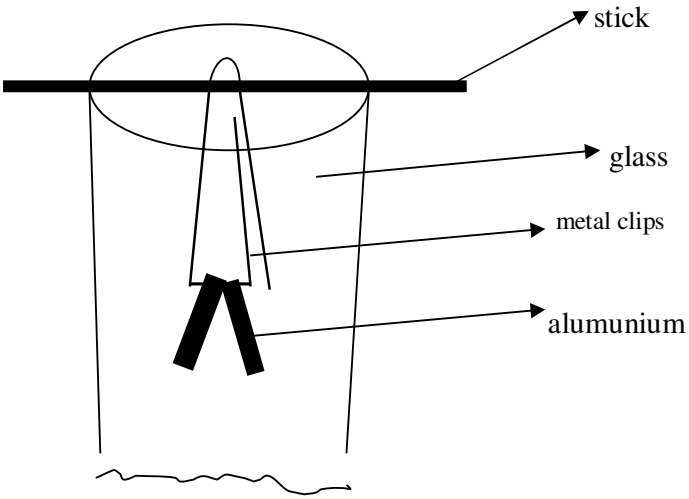
G. Scenario Learning

No.	Type of Activity	allocation of Time
1	**Apperception and Motivation** Apperception Why does hair stand up? Why hair does not stand Mr Bean?   **What is lightning?**  How to avoid the danger of lightning? Read more: teacher: 1. Organize group work table. 2. Coordinating the working group.	15 minutes

	3. Give quizzes "Course Review Horay" Students in the group: Answer the quiz "Course Review Horay" to test your understanding of the neutral atom, the atom is neutral, how to "scrub" to condition a neutral object become neutral.	
2.	Teacher: 1. Conduct performance assessments. 2. Assessing the presentation of the discussion. Student groups: 1. Make gelipok electroscope. 2. Conduct experiments to condition a neutral electroscope electroscope is neutral in the way of induction. 3. Discussion to answer questions on Student Worksheet (BLM). 4. Presented the results of the discussion.	55 minutes
3.	Teacher: Reinforce the conclusions about: 1. Induction events. 2. Electroscope.	10 minutes

H. Learning Media

<u>Elektroskop Gelipok</u>



I. Learning Strategies

Learning Strategies

1. Approach
   CTL (Contextual Teaching and Learning): learning process created a more "live", and more "meaningful" because the students do and experience for yourself what he learned.
2. Model
   CL (Cooperative Learning)
3. Method
   Group Experiment, Fun Quizzes, Discussions

J. Appraisal

1. Understanding the concept of assessment (cognitive aspects) through the quiz "Course Review Horay". (the concept of the attached quiz)
2. Performance Assessment (psychomotor aspects) (Instrument Assessment Attached)
3. Assessment Presentation (effective aspect) (Instrument Assessment Attached)
4. Daily replications (cognitive aspects) (Manuscript Problem Attached)

K. Source Of Material

1. Bob Foster. , 2006. Exploration of Physical Science Class IX. New York: Erlangga
2. Integrated team. , 2004. Science. Jakarta: Ministry of Education
3. electroscope Gelipok

Know, Head of SMPN 2 Ungaran	Ungaran, 5 November 2011 Science teacher,
Drs. Talkhis NIP 196004141981091003	Y. Eko Nugroho, S.Pd NIP 197611032000031003

Attachment

STUDENT WORKSHEET

Group Name	ELECTRON ....., for example (using the key terms in the theory of atomic and static electricity)
Class Member's name	1. 2. 3. 4. 5.

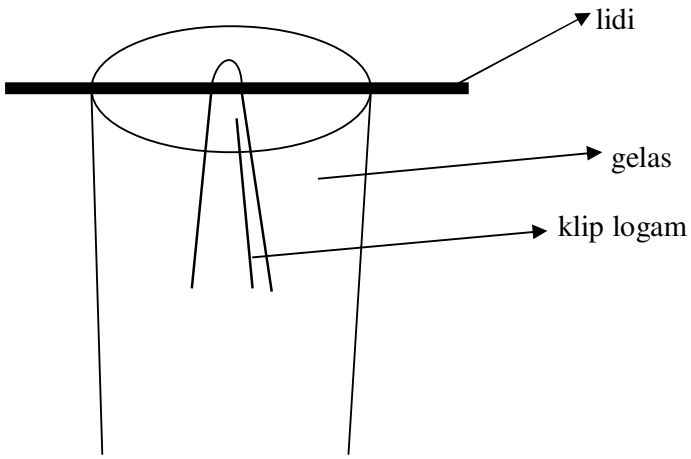
ELECTROSCOPE GELIPOK (GLASS, STICK, DIAPER)

A. Purpose

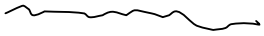
1. Make a simple electroscope with the materials are cheap and easily obtainable.
2. Conditioned to be non-neutral neutral electroscope by induction.

B. Tools and Materials

electroscope Gelipok



bungkus keju
(alumunium foil)



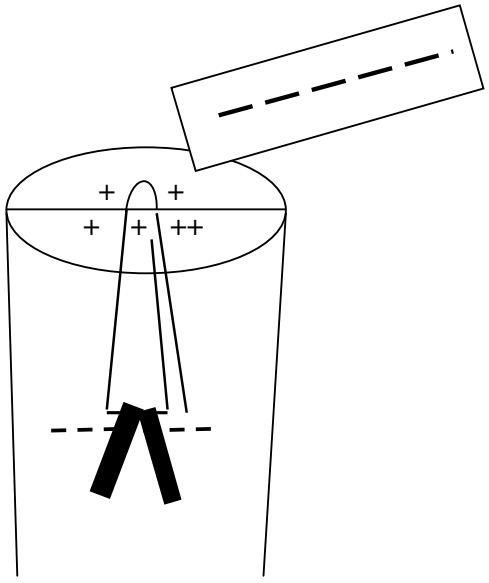
stick function …….
Metal clip function ……
Aluminum Foil (Cheese Wrap) function ……..
Glass works ……

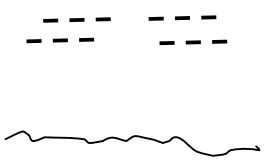
C. Activity procedures

1. Rub the plastic ruler on a dry cloth until DIAPER BABY negative electric charge.NOTE: THE RUBBING HANDS TO HAVE PLASTIC insulator wrapped NEUTRAL NOT IMMEDIATELY!
2. Bring a plastic ruler that has a negative electric charge on the electroscope head.
3. In the state was induced, sentuhankan electroscope fingers on the head. NOTE: STUDENTS WHO touched her fingers, MUST REMOVE FOOTWEAR SHOES
4. A few moments later, release the touch of a finger or a plastic ruler and away from the head of the electroscope mica.

D. observations

observations I





Electrically charged plastic ruler ....., if brought near the head of the second foil electroscope will ..... because .....

observations II

Fingertips that touched on the head of the electroscope causes the flow of the foil electroscope ..... go to ..... This causes a second foil .....

observations III
When the tip of the finger is released, the electroscope loses some ..... then be charged electroscope .....

E. Knot

Electroscope is induced by the negative electrically charged objects (a plastic ruler or mica) and then treated as in observation I, II, and III lead to electrically charged electroscope .....

Table 1: Assessment Working Group

No.	**indicator** **Learning Outcomes**	**The group members** **…….**				
		1	2	3	4	5
1.	Contribution to the performance of group members					
2.	Cooperation between members of the group					
3.	Skills in managing and maintaining					
TOTAL SCORE						

Maximum score of each indicator is 5, and the lowest is 1, the criteria:

5 = Very Good
4 = Good
3 = Good Enough
2 = Poorly
1 = Very Poor

The results obtained from studying the performance of activities, presentations, and working groups, each calculated by dividing the score obtained by students with a maximum score multiplied by 100.

Table 1: Assessment of Performance (Psychomotor Aspects)

No.	Aspects of the observed	The group members ……				
		1	2	3	4	5
1.	Preparing tools and materials are complete and correct					
2.	Creating a electroscope gelipok accordance with the procedures for obtaining equipment functions as expected					
3.	Neutral condition becomes neutral electroscope					
TOTAL SCORE						

Table 2: Assessment Presentation (affective aspect)

No.	**Indicator Learning Outcomes**	**The group members ……**				
		1	2	3	4	5
1.	Properly explain the concept, detailed in accordance with the material					
2.	The presentation comes with a picture or diagram other than a practice tool made					
3.	Social qualities such as articulation, and enthusiasm, giving the audience time to think					
4.	Properly explain the concept, detailed in accordance with the material.					
TOTAL SCORE						

INSTRUMENT QUIZ

THEME: THE THEORY OF ATOM
MODEL: Course Review Horay

PURPOSE
Test the understanding of the atomic theory to underpin the activities:
1. Making electroscope
2. Conditioning of a neutral electroscope becomes neutral / electrically charged

STEPS

1. Each group was told to make a paper box 4 on the HVS and the filled box the number corresponding to each individual taste.

   example

3	7	9
8	5	1
2	4	6

2. Teachers read about at random and each group discuss and write answers in the box that the number of teachers mentioned. If true, filled in correctly mark (v) and, if any, filled in the wrong sign (x)
3. Values calculated from the group quiz plus the number of correct answers obtained horay.

MATERIALS

1. Subatomic particle outer / core bundle having the weakest force is ... (electrons)
2. Electric charge that causes ketidaknetralan an atom is ... (electrons)
3. Separation of electrical charges in the event of an object because it is approached by electrically charged objects are called events ... (induction)
4. Two ways to make objects neutral atoms are not neutral to the ... (buffed and induced)
5. Plastic ruler said to be neutral if its constituent atoms contain electrons and protons whose numbers .... (equal)
6. Plastic ruler rubbed with dry hair, the hair part of the electron will move into a plastic ruler be a ruler so that the neutral is not charged .... (negative)
7. Glass is rubbed with silk, causing atoms to be non-neutral charged glass ..... (positive)
8. Or more positively charged object is positive, the potential objects .... (high)
9. If the object is positively charged, or more positively than negatively charged objects associated with a piece of conductor it will happen .... (electrical current)

RESEARCH PHOTOGRAPICS

Picture 1. Science Learning Activity at SMPN 2 Ungaran

Picture 2. Creating of Props by Science Teacher at SMPN 2 Ungaran

Picture 3. Creating of Props by Science Teacher at SMPN 2 Ungaran

Picture 4. Mathematic Learning Activity at SMPN 2 Ungaran

Picture 5. Classroom Management in Mathematic at SMPN 2 Ungaran

PROFIL TENAGA PENDIDIK SMPN 2 UNGARAN

a. Kepala sekolah

		Nama	Jenis Kelamin		Usia	PendAkhir	Masa Kerja
			L	P			
1.	Kepala Sekolah	Drs. Talkhis	✓			S1	31 th
2.	Wakil Kepala Sekolah	1. Slamet Sutono, S.Pd	✓			S1	12 th
		2. Supartiyah, S.Pd		✓		S1	27th

b. Guru

1.Kualifikasi Pendidikan, Status, Jenis Kelamin, dan Jumlah

No.	Tingkat Pendidikan	Jumlah dan Status Guru				Jumlah
		GT/PNS		GTT/Guru Bantu		
		L	P	L	P	
1.	S3/S2	1	2	-	-	3
2.	S1	16	18	1	4	39
3.	D-4	-	-	-	-	0
4.	D3/Sarmud	5	1	-	-	6

5.	D2	1	-	-	-	1
6.	D1	-	-	-	-	
7.	≤ SMA/sederajat					
	Jumlah	23	21	1	4	49

2.Jumlah guru dengan tugas mengajar sesuai dengan latar belakang pendidikan (keahlian)

lo.	Guru	lah guru dengan latar belakang pendidikan sesuai dengan tugas mengajar				lah guru dengan latar belakang pendidikan yang TIDAK sesuai dengan tugas mengajar				umlah
		D1/D2	D3/ armud	S1/D4	S2/S3	D1/D2	D3/ armud	S1/D4	S2/S3	
1.		-	1	4	-	-	-	-	-	5
2.	natika	-	-	4	3	-	-	-	-	5
3.	a Indonesia	-	-	5	1	-	-	-	-	6
4.	a Inggris	1	-	4	-	-	-	-	-	5
5.	dikan Agama	-	-	4	-	-	-	-	-	4
6.		-	1	4	-	-	-	-	-	5
7.	sorkes	-	-	3	-	-	-	-	-	3
8.	Budaya	1	-	1	1	-	-	-	-	3

9.		-	-	3	-		-	-	-	3
10.	Keterampilan	-	1	1	-	-	-	-	-	2
11.		1	-	3	-	-	-	-	-	4
12.	ya: Mulok s. Jawa a Busana	- -	1	1 2	-	-	-	-	-	2 2
	Jumlah	3	4	39	3	-	-	-	-	49

3.Pengembangan kompetensi/profesionalisme guru

No.	Jenis Pengembangan Kompetensi	Jumlah Guru yang telah mengikuti kegiatan pengembangan kompetensi/profesionalisme			
		Laki-laki	Jumlah	Perempuan	Jumlah
1.	Penataran KBK/KTSP	✓	12	✓	6
3.	Penataran Metode Pembelajaran (termasuk CTL)				
4.	Penataran PTK				
5.	Penataran Karya Tulis Ilmiah			✓	1
6.	Sertifikasi Profesi/Kompetensi	-	-	-	-

7.	Penataran PTBK	✓	1	✓	2
8.	Penataran lainnya: Instruktur mapel	✓	3	✓	2

4.Prestasi guru

No.	Jenis lomba	Perolehan kejuaraan 1 sampai 3 dalam 3 tahun terakhir	
		Tingkat	Jumlah Guru
1.	Lomba PTK	Nasional	-
		Provinsi	-
		Kab/Kota	-
2.	Lomba Karya tulis Inovasi Pembelajaran	Nasional	1, Finalis 10 besar
		Provinsi	-
		Kab/Kota	-
3.	Lomba Guru Berprestasi	Nasional	-
		Provinsi	-
		Kab/Kota	1 Juara 2 dan 3
4.	Lomba lainnya:	Nasional	-

		Provinsi	-
		Kab/Kota	-

5. Tenaga Kependidikan: Tenaga Pendukung

lo.	Tenaga pendukung	Jumlah tenaga pendukung dan kualifikasi pendidikannya						h tenaga pendukung Berdasarkan Status dan Jenis Kelamin				umlah
		SMP	MA	D1	D2	D3	S1	PNS		Honorer		
								L	P	L	P	
1.	Tata Usaha	-	6	-	-	-	1	2	1	1	4	8
2.	Perpustakaan	-	1	-	-	-	-	1	-	-	-	1
3.	Laboran lab. IPA	-	-	-	-	-	-	-	-	-	-	0
4.	Teknisi lab. Komputer	-	-	-	-	-	-	-	-	-	-	-
5.	Laboran lab. Bahasa	-	-	-	-	-	-	-	-	-	-	-
6.	PTD (Pend Tek. Dasar)	-	-	-	-	-	-	-	-	-	-	-
7.	Kantin	-	-	-	-	-	-	-	-	-	-	-
8.	Penjaga Sekolah	1	-	-	-	-	-	-	-	1	-	1
9.	Tukang Kebun	5	1	-	-	-	-	-	-	5	-	5
10.	Keamanan	1	-	-	-	-	-	-	-	1	-	1
11.	Lainnya:											

	Jumlah	7	8	-	-	-	1	3	1	8	3	16

6. Perolehan Kejuaraan/Prestasi Akademik: Lomba-lomba

No.	Nama Lomba	Tahun 2008/2009				Tahun 2009/2010			
		Juara ke:	Tingkat			Juara ke:	Tingkat		
			Kab/ Kota	Propinsi	Nasional		Kab/ Kota	Propinsi	Nasional
1.	Penulisan Ilmiah Remaja	-	√	-	-		√		
2.	Karya tulis	-	√	-	-		√		
3.	Olimpiade Sains Biologi	-	-	-	- -		√		
4.	Olimpiade Sains Fisika	-	-	-	-		√		
5.	IPS	-	-	-	-		√		
6.	Pelajar Berprestasi	-	√	-	-		√		

No.	Nama Lomba	Tahun 2008/2009				Tahun 2009/2010			
		Juara ke:	Tingkat			Juara ke:	Tingkat		
			Kab/ Kota	Propinsi	Nasional		Kab/ Kota	Propinsi	Nasional
7.									
8.									
9.									
10.									

7. Perolehan Kejuaraan/Prestasi Non Akademik

No.	Nama Lomba	Tahun 2008/2009				Tahun 2009/2010			
		Juara ke:	Tingkat			Juara ke:	Tingkat		
			Kab/ Kota	Propinsi	Nasional		Kab/ Kota	Propinsi	Nasional
1.	Lomba Voli								
1.	Lomba Band								
2.	Tenis Meja								

3.	Tenis Meja								
4.	Karate								
5.	LT Pramuka								
6.	PMR								
7.	Menyanyi								
8.	Renang gaya dada								
2.	Renang gaya punggung								
3.	Renang gaya bebas								
4.	Pencak silat Putra		√						
5.	Pencak silat Pi		√						